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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.4320003/JAG/AJKAPPLICATION NO.  
09/977,283APPLICANT  
ReedFILING DATE  
October 16, 2001GROUP  
1641

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
SR	AA1	4,147,765	04/03/1979	Stephan et al.	424	12	07/16/1976
	AB1	4,198,335	04/15/1980	Collen	260	112	03/08/1977
	AC1	4,245,040	01/13/1981	Pilgeram	435	13	11/20/1978
	AD1	4,273,873	06/16/1981	Sugitachi et al.	435	180	10/25/1977
	AE1	4,346,029	08/24/1982	Collen	260	112	01/22/1979
	AF1	4,368,149	01/11/1983	Masuho et al.	260	112	12/16/1981
	AG1	4,414,148	11/08/1983	Jansen et al.	260	112	04/14/1982
	AH1	4,421,735	12/20/1983	Haber et al.	424	1.1	04/17/1980
	AI1	4,455,290	06/19/1984	Olexa et al.	424	1.1	04/02/1981
	AJ1	4,470,925	09/11/1984	Auditore-Hargreaves	260	112	10/04/1983
	AK1	4,474,893	10/02/1984	Reading	436	547	07/01/1981

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
SR	AL1	EP 0 063 002 A2	10/20/1982	Europe			Yes No
	AM1	EP 0 088 994 A2	09/21/1983	Europe			Yes No
	AN1	WO 83/03678 A1	10/27/1983	PCT			Yes No
	AO1	WO 83/03679 A1	10/27/1983	PCT			Yes No
	AP1	WO 83/03971 A1	11/24/1983	PCT			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	1	Agnelli, G., et al., "The Comparative Effects of Recombinant Hirudin (CGP 39393) and Standard Heparin on Thrombus Growth in Rabbits," <i>Thromb. Haemost.</i> 63:204-207, F.K. Schattauer Verlagsgesellschaft mbH (1990).
	AS	1	Agnelli, G., et al., "A Comparison of the thrombolytic and hemorrhagic effects of tissue-type plasminogen activator and streptokinase in rabbits," <i>Circulation</i> 72:178-182, American Heart Association, Inc. (1985).
	AT	1	Agnelli, G., et al., "Sustained Thrombolysis With DNA-Recombinant Tissue Type Plasminogen Activator in Rabbits," <i>Blood</i> 66:399-401, Grune and Stratton, Inc. (1985).

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SR	AA2	4,545,988	10/08/1985	Nakayama et al.	424	94	12/18/1984
	AB2	4,671,958	06/09/1987	Rodwell et al.	424	85	03/09/1982
	AC2	4,673,573	06/16/1987	Ferres et al.	424	94	01/09/1985
	AD2	4,722,903	02/02/1988	Kudryk et al.	435	7	01/03/1984
	AE2	4,758,524	07/19/1988	Bundesen et al.	436	548	03/15/1984
	AF2	4,833,085	05/23/1989	Schaumann et al.	435	240.27	08/13/1986
	AG2	4,916,070	04/10/1990	Matsueda et al.	435	172.2	04/14/1986
	AH2	4,927,916	05/22/1990	Matsueda et al.	530	387	01/30/1986
	AI2	5,116,613	05/26/1992	Haber et al.	424	85.8	01/08/1985
	AJ2	5,372,812	12/13/1994	Reed et al.	424	145.1	09/10/1992
	AK2	5,582,862	12/10/1996	Reed et al.	424	145.1	12/01/1992

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
SR	AL2	AU-B-25387/84	09/20/1984	Australia			Yes No
	AM2	EP 0 120 694 A2	10/03/1984	Europe			Yes No
	AN2	EP 0 125 023 A1	11/14/1984	Europe			Yes No
	AO2	WO 85/00974 A1	03/14/1985	PCT			Yes No
	AP2	EP 0 142 905 A2	05/29/1985	Europe			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	2	Angles-Cano, E.R., "Tissue plasminogen activator determination with a fibrin-supported film," Chem. Abstracts 104:307-308, Abstract No. 144639d, American Chemical Society (1986).
	AS	2	Aoki, N., et al., "Fibrin-Associated Plasminogen Activation in $\alpha_2$ -Plasmin Inhibitor Deficiency," Blood 62:1118-1122, Grune and Stratton, Inc. (1983).
	AT	2	Bates, E.R., et al., "A Monoclonal Antibody Against the Platelet Glycoprotein IIb/IIIa Receptor Complex Prevents Platelet Aggregation and Thrombosis in a Canine Model of Coronary Angioplasty," Circulation 84:2463-2469, American Heart Association, Inc. (1991).

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SR	AA3	5,585,089	12/17/1996	Queen et al.	424	133.1	06/07/1995
	AB3	5,831,031	11/03/1998	Reed et al.	530	388.1	07/16/1996
	AC3	6,114,506	09/05/2000	Reed et al.	530	387.3	09/19/1997
	AD3	6,280,730 B1	08/28/2001	Reed et al.	424	141.1	11/24/1997
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
SR	AL3	EP 0 146 050 A2	06/26/1985	Europe			Yes No
	AM3	EP 0 159 025 A2	10/23/1985	Europe			Yes No
	AN3	WO 86/01533 A1	03/13/1986	PCT			Yes No
	AO3	EP 0 187 658 A2	07/16/1986	Europe			Yes No
	AP3	JP 61-268630	11/28/1986	Japan			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	3	Bode, C., et al., "Conjugation to Antifibrin Fab' Enhances Fibrinolytic Potency of Single-Chain Urokinase Plasminogen Activator," <i>Circulation</i> 81:1974-1980, American Heart Association, Inc. (1990).
	AS	3	Bode, C., et al., "Antibody-Directed Urokinase: A Specific Fibrinolytic Agent," <i>Science</i> 229:765-767, American Association for the Advancement of Science (1985).
	AT	3	Bode, C., et al., "Thrombolysis by a Fibrin-specific Antibody Fab'-Urokinase Conjugate," <i>J. Mol. Cell. Cardiol.</i> 19:335-341, Academic Press, Inc. (1987).

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	APPLICANT Reed	
	FILING DATE October 16, 2001	GROUP 1641

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
82	AL4	WO 87/05934 A1	10/08/1987	WIPO			Yes No
	AM4	WO 87/06263 A1	10/22/1987	WIPO			Yes No
	AN4	WO 88/01649 A1	03/10/1988	WIPO			Yes No
	AO4	WO 88/03559 A1	05/19/1988	WIPO			Yes No
	AP4	EP 0 271 227 A2	06/15/1988	Europe			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
82	AR	4	Bode, C., et al., "Antibody-directed Fibrinolysis. An Antibody Specific For Both Fibrin and Tissue Plasminogen Activator," J. Biol. Chem. 264:944-948, American Society for Biochemistry and Molecular Biology, Inc. (1989).
	AS	4	Boulianne, G.L., et al., "Production of functional chimaeric mouse/human antibody," Nature 312:643-646, Macmillan Journals Ltd. (1984).
	AT	4	Branscomb, E.E., et al., "Bispecific Monoclonal Antibodies Produced by Somatic Cell Fusion Increase the Potency of Tissue Plasminogen Activator," Thromb. Haemost. 64:260-266, F.K. Schattauer Verlagsgesellschaft mbH (1990).

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
JR	AL5	EP 0 336 693 A2	10/11/1989	Europe			Yes No
	AM5	WO 89/09817 A1	10/19/1989	WIPO			Yes No
	AN5	WO 91/09967 A1	07/11/1991	WIPO			Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JR	AR	5	Brennan, M., et al., "Preparation of Bispecific Antibodies by Chemical Recombination of Monoclonal Immunoglobulin G <sub>1</sub> Fragments," <i>Science</i> 229:81-83, American Association for the Advancement of Science (1985).
	AS	5	Butte, A.N., et al., " $\alpha_2$ -Antiplasmin Causes Thrombi to Resist Fibrinolysis Induced by Tissue Plasminogen Activator in Experimental Pulmonary Embolism," <i>Circulation</i> 95:1886-1891, American Heart Association, Inc. (April 1997).
	AT	5	Carrasquillo, J.A., et al., "Radioimmunodetection of Human Melanoma with Monoclonal Antibodies and Fab Fragments," in: <i>Radioimmunoimaging and Radioimmunotherapy</i> , Burchiel, S. and Rhodes, B., eds., Elsevier Science Publishing Co., Inc., Amsterdam, The Netherlands, pp. 357-368 (1983).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	6	Charpic, J.R., et al., "A Bispecific Antibody Enhances the Fibrinolytic Potency of Single-Chain Urokinase," <i>Biochemistry</i> 29:6374-6378, American Chemical Society (1990).
	AS	6	Collen, D., et al., "Thrombolysis with Human Extrinsic (Tissue-Type) Plasminogen Activator in Rabbits with Experimental Jugular Vein Thrombosis," <i>J. Clin. Invest.</i> 71:368-376, Rockefeller University Press (1983).
	AT	6	Collen, D., et al., "Thrombolytic and Pharmacokinetic Properties of Chimeric Tissue-Type and Urokinase-Type Plasminogen Activators," <i>Circulation</i> 84:1216-1234, American Heart Association, Inc. (1991).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SK	AR	2	Collen, D., et al., "Synergism of thrombolytic agents in vivo," Circulation 74:838-842, American Heart Association, Inc. (1986).
↓	AS	2	DeWood, M.A., et al., "Prevalence of Total Coronary Occlusion During the Early Hours of Transmural Myocardial Infarction," New Engl. J. Med. 303:897-902, Massachusetts Medical Society (1980).
↓	AT	2	Dorai, H. and Moore, G.P., "The Effect of Dihydrofolate Reductase-Mediated Gene Amplification on the Expression of Transfected Immunoglobulin Genes," J. Immunol. 139:4232-4241, American Association of Immunologists (1987).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	8	Duberstein, R., "Scientists Develop New Technique for Producing Bispecific Monoclonals," <i>Genetic Engineering News</i> 6:22-24, Mary Ann Liebert, Inc. (1986).
	AS	8	Emeis, J.J. and Verheijen, J.H., "Thrombolytic Properties in a Rabbit Jugular Vein Thrombosis Model of a Tissue-type Plasminogen Activator Mutant Lacking the Growth Factor- and Kringle One-Domains," <i>Arzneim.-Forsch./Drug Res.</i> 42:358-362, Editio Cantor Verlag für Medizin und Naturwissenschaften GmbH (1992).
	AT	8	Fisher, R., et al., "Isolation and Characterization of the Human Tissue-type Plasminogen Activator Structural Gene Including Its 5' Flanking Region," <i>J. Biol. Chem.</i> 260:11223-11230, American Association of Biological Chemists, Inc. (1985).

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	AR	2	Gardell, S.J., et al., "Effective Thrombolysis Without Marked Plasminemia After Bolus Intravenous Administration of Vampire Bat Salivary Plasminogen Activator in Rabbits," <i>Circulation</i> 84:244-253, American Heart Association, Inc. (1991).
	AS	2	Gold, H.K., et al., "Acute coronary reocclusion after thrombolysis with recombinant human tissue-type plasminogen activator: prevention by a maintenance infusion," <i>Circulation</i> 73:347-352, American Heart Association, Inc. (February 1986).
	AT	2	Haber, E., et al., "Antibody Targeting as a Thrombolytic Strategy," <i>Ann. N.Y. Acad. Sci.</i> 667:365-381, New York Academy of Sciences (1992).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	10	Harris, W.J. and Emery, S., "Therapeutic antibodies - the coming of age," <i>Trends Biotechnol.</i> 11:42-44, Elsevier Science Publishers Ltd. (1993).
	AS	10	Hathey, E., et al., "Monoclonal Antibodies Against Plasminogen and Alpha-2-Antiplasmin: Binding to Native and Modified Antigens," <i>Thrombosis Res.</i> 45:485-495, Pergamon Journals Ltd. (1987).
	AT	10	Hessel, B., et al., "Primary Structure of Human Fibrinogen and Fibrin. Structural Studies on NH <sub>2</sub> -terminal Part of B $\beta$ Chain," <i>Eur. J. Biochem.</i> 98:521-534, Springer Verlag (1979).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>11</u>	Houranieh, A., et al., "Monoclonal Antibodies to Human Cross-Linked Fibrin," <i>Fed. Proc.</i> 44:1846, Abstract No. 8381, Federation of American Societies for Experimental Biology (1985).
	AS	<u>11</u>	Hui, K.Y., et al., "Immunodetection of Human Fibrin Using Monoclonal Antibody-64C5 in an Extracorporeal Chicken Model," <i>Thromb. Haemost.</i> 54:524-527, F.K. Schattauer Verlag GmbH (1985).
	AT	<u>11</u>	Hui, K.Y., et al., "Monoclonal Antibodies of Predetermined Specificity for Fibrin: A Rational Approach to Monoclonal Antibody Production," <i>Hybridoma</i> 5:215-222, Mary Ann Liebert, Inc. (1986).

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	AN						Yes No
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	AP						Yes No

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SK	AR	12	Hui, K.Y., et al., "Monoclonal Antibodies to a Synthetic Fibrin-Like Peptide Bind to Human Fibrin but Not Fibrinogen," <i>Science</i> 222:1129-1132, American Association for the Advancement of Science (1983).
↓	AS	12	Ito, R.K., et al., "Fibrinolysis Studies: Fibrinogen-Specific Antibody as Carriers for Fibrinolytic Agents," <i>Fed. Proc.</i> 44:1846, Abstract No. 8382, Federation of American Societies for Experimental Biology (1985).
↓	AT	12	Jones, P.T., et al., "Replacing the complementarity-determining regions in a human antibody with those from a mouse," <i>Nature</i> 321:522-525, Macmillan Journals Ltd. (1986).

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## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
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09/977,283APPLICANT  
ReedFILING DATE  
October 16, 2001GROUP  
1641

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	13	Kabnick, K.S. and Housman, D.E., "Determinants That Contribute to Cytoplasmic Stability of Human c-fos and $\beta$ -Globin mRNAs Are Located at Several Sites in Each mRNA," <i>Mol. Cell. Biol.</i> 8:3244-3250, American Society for Microbiology (1988).
↓	AS	13	Kato, K., et al., "A specific immunoassay system for hybrid type antigens," <i>Chem. Abstracts</i> 94:325, Abstract No. 61048j, American Chemical Society (1981).
↓	AT	13	Kimura, S., et al., "Acceleration of Fibrinolysis by the N-Terminal Peptide of $\alpha_2$ -Plasmin Inhibitor," <i>Blood</i> 66:157-160 Grune and Stratton, Inc. (1985).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	14	Kudryk, B., et al., "A Monoclonal Antibody With Ability to Distinguish Between NH <sub>2</sub> -Terminal Fragments Derived From Fibrinogen and Fibrin," <i>Mol. Immunol.</i> 20:1191-1200, Pergamon Press Ltd. (1983).
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	AT	14	Kumada, T. and Abiko, Y., "Physiological Role of $\alpha_2$ -Plasmin Inhibitor in Rats," <i>Thrombosis Res.</i> 36:153-163, Pergamon Press Ltd. (1984).

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	APPLICANT Reed	
	FILING DATE October 16, 2001	GROUP 1641

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	15	Laffel, G.L. and Braunwald, E., "Thrombolytic Therapy. A New Strategy for the Treatment of Acute Myocardial Infarction (First of Two Parts)," <i>New England J. Med.</i> 311:710-717, Massachusetts Medical Society (1984).
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**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

SR	AR	16	Larsen, G.R., et al., "Protein Engineering of Novel Plasminogen Activators with Increased Thrombolytic Potency in Rabbits Relative to Activase," <i>J. Biol. Chem.</i> 266:8156-8161, American Society for Biochemistry and Molecular Biology, Inc. (1991).
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SR	AR	17	Lijnen, H.R., et al., "Biochemical and Thrombolytic Properties of a Low Molecular Weight Form (Comprising Leu <sup>14</sup> through Leu <sup>11</sup> ) of Recombinant Single-chain Urokinase-type Plasminogen Activator," <i>J. Biol. Chem.</i> 263:5594-5598, American Society for Biochemistry and Molecular Biology, Inc. (1988).
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	AT	17	Love, T.W., et al., "Recombinant Antibodies Possessing Novel Effector Functions," <i>Meth. Enzymol.</i> 178:515-527, Academic Press, Inc. (1989).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR ↓	AR	18	Lukacova, D., et al., "Inhibition of Factor XIII Activation by an Anti-Peptide Monoclonal Antibody," <i>Biochemistry</i> 30:10164-10170, American Chemical Society (1991).
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	AT	18	Matsueda, G.R., et al., "A Monoclonal Antibody Specific for the C Terminus of Fibrinogen and Fibrin Gamma Chains," <i>FASEB J.</i> 2:A1411, Abstract No. 6480, Federation of American Societies for Experimental Biology (1988).

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	AN						Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	19	Matsueda, G.R., et al., "Fibrin-Specific Monoclonal Antibodies are Elicited by Immunization with a Synthetic Fibrin-Like Peptide," in: <i>Fibrinogen: Structural Variants and Interactions</i> , Volume 3, Henschen, A., et al., eds., Walter de Gruyter, Berlin, Germany, pp. 43-50 (1985).
↓	AS	19	Matsueda, G.R., et al., "Monoclonal Antibodies Specific for Human Fibrin Monomer," <i>Fed. Proc.</i> 42:1992, Abstract No. 1375, Federation of American Societies for Experimental Biology (1983).
↓	AT	19	Matsueda, G.R., et al., "Detection of Thrombi: A Chicken Model Using Monoclonal Antibody Which Binds to Human Fibrin but Not Fibrinogen," <i>Haemostasis</i> 14:44, Abstract No. 75, S. Karger AG (1984).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
SR	AR	20	Matsueda, G.R., et al., "Synthetic Fibrin-Like Peptides Used as Antigens Yield Fibrin-Specific Antibodies," in: <i>Peptides: Structure and Function, Proceedings of the Eighth American Peptide Symposium</i> , Hruby, V.J. and Rich, D.H., eds., Pierce Chemical Company, Rockford, IL pp. 873-876 (1983).
	AS	20	Matsuo, O., et al., "Thrombolytic Effect of Single-Chain Pro-Urokinase in a Rabbit Jugular Vein Thrombosis Model," <i>Thrombosis Res.</i> 42:187-194, Pergamon Press Ltd. (1986).
	AT	20	Matsuo, O., et al., "Comparison of the Relative Fibrinolytic, Fibrinolytic and Thrombolytic Properties of Tissue Plasminogen Activator and Urokinase in Vitro," <i>Thromb. Haemost.</i> 45:225-229 F.K. Schattauer Verlagsgesellschaft mbH (1981).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR ↓	AR	<u>21</u>	McCabe, R.P., et al., "A Diagnostic-Prognostic Test for Bladder Cancer Using a Monoclonal Antibody-based Enzyme-linked Immunoassay for Detection of Urinary Fibrin(ogen) Degradation Products," <i>Cancer Res.</i> 44:5886-5893, American Association for Cancer Research (1984).
	AS	<u>21</u>	Miles, L.A., et al., "A Bleeding Disorder Due to Deficiency of $\alpha_2$ -Antiplasmin," <i>Blood</i> 59:1246-1251, Grune and Stratton, Inc. (1982).
	AT	<u>21</u>	Milstein, C. and Cuello, A.C., "Hybrid hybridomas and their use in immunohistochemistry," <i>Nature</i> 305:537-540, Macmillan Magazines Ltd. (1983).

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SR	AR	22	Mimuro, J., et al., "Monoclonal Antibodies to Discrete Regions in $\alpha_2$ -Plasmin Inhibitor," <i>Blood</i> 69:446-453, Grune and Stratton, Inc. (1987).
	AS	22	Morrison, S.L. and Oi, V.T., "Genetically Engineered Antibody Molecules," <i>Adv. Immunol.</i> 44:65-92, Academic Press, Inc. (1989).
	AT	22	Morrison, S.L., "Transfectomas Provide Novel Chimeric Antibodies," <i>Science</i> 229:1202-1207, American Association for the Advancement of Science (1985).

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	AP						Yes No

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	SR	AR	23	Morrison, S.L., et al., "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains," <i>Proc. Natl. Acad. Sci. USA</i> 81:6851-6855, National Academy of Sciences (1984).
		AS	23	Munro, A., "Uses of chimaeric antibodies," <i>Nature</i> 312:597, Macmillan Journals Ltd. (1984).
		AT	23	Neuberger, M.S., et al., "Recombinant antibodies possessing novel effector functions," <i>Nature</i> 312:604-608, Macmillan Journals Ltd. (1984).

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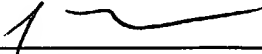
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
SR ↓	AR	24	Neuberger, M.S., et al., "A hapten-specific chimaeric IgE antibody with human physiological effector function," <i>Nature</i> 314:268-270, Macmillan Journals Ltd. (1985).
	AS	24	Nisonoff, A. and Mandy, W.J., "Quantitative Estimation of the Hybridization of Rabbit Antibodies," <i>Nature</i> 194:355-359, Macmillan Journals Ltd. (1962).
	AT	24	Nossel, H. L., "Relative proteolysis of the fibrinogen B $\beta$ chain by thrombin and plasmin as a determinant of thrombosis," <i>Nature</i> 291:165-167, Macmillan Journals Ltd. (1981).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	25	Oi, V.T. and Morrison, S.L. "Chimeric Antibodies," <i>BioTechniques</i> 4:214-221, Eaton Publishing Co. (1986).
	AS	25	Pacella, B.L., et al., "Induction of Fibrin-Specific Antibodies by Immunization with Synthetic Peptides That Correspond to Amino Termini of Thrombin Cleavage Sites," <i>Mol. Immunol.</i> 20:521-527, Pergamon Press Ltd. (1983).
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SR	AR	26	Philpott, G.W., et al., "Selective Binding and Cytotoxicity of Rat Basophilic Leukemia Cells (RBL-1) with Immunoglobulin E-Biotin and Avidin-Glucose Oxidase Conjugates," <i>J. Immunol.</i> 125:1201-1209, Williams and Wilkins Co. (1980).
↓	AS	26	Pizzo, S.V., et al., "The Effect of Plasmin on the Subunit Structure of Human Fibrin," <i>J. Biol. Chem.</i> 248:4574-4583, American Society of Biological Chemists, Inc. (1973).
↓	AT	26	Plow, E.F., et al., "Changes in Antigenic Structure and Conformation of $\alpha_2$ -Antiplasmin Induced by Interaction with Plasmin," <i>J. Biol. Chem.</i> 255:2902-2906, American Society of Biological Chemists, Inc. (1980).

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## INFORMATION DISCLOSURE STATEMENT

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1641

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SK ↓	AR	27	Rajagopalan, S., et al., "A Nonantigenic Covalent Streptokinase-Polyethylene Glycol Complex with Plasminogen Activator Function," <i>J. Clin. Invest.</i> 75:413-419, Rockefeller University Press, Inc. (1985).
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	AP						Yes No

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SR ↓	AR	<u>28</u>	Reed, G.L., et al., "Synergistic fibrinolysis: Combined effects of plasminogen activators and an antibody that inhibits $\alpha_2$ -antiplasmin," <i>Proc. Natl. Acad. Sci. USA</i> 87:1114-1118, National Academy of Sciences (1990).
	AS	<u>28</u>	Reed, G.L., et al., "Inhibition of Clot-Bound $\alpha_2$ -Antiplasmin Enhances In Vivo Thrombolysis," <i>Circulation</i> 82:164-168, American Heart Association, Inc. (1990).
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SR	AR	29	Reed, G.L., " Monoclonal Antibodies: 77 (anti $\alpha$ 2 antiplasmin)," <i>Hybridoma</i> 16:392, Mary Ann Liebert, Inc. (August 1997).
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	AP						Yes No

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SR ↓	AR	30	Runge, M.S., et al., "Conjugation to an Antifibrin Monoclonal Antibody Enhances the Fibrinolytic Potency of Tissue Plasminogen Activator in Vitro," <i>Biochemistry</i> 27:1153-1157, American Chemical Society (1988).
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**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

SR	AR	31	Runge, M.S., et al., "Antibody-Directed Fibrinolysis: A Bispecific (Fab'), That Binds to Fibrin and Tissue Plasminogen Activator," <i>Bioconj. Chem.</i> 1:274-277, American Chemical Society (1990).
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SR	AR	34	Sobel, J.H., et al., "Characterization of a Crosslink-Containing Fragment Derived from the $\alpha$ Polymer of Human Fibrin and Its Application in Immunologic Studies using Monoclonal Antibodies," <i>Thrombos. and Haemostas.</i> 46:240, Abstract No. 0758, F.K. Schattauer Verlagsgesellschaft mbH (1981).
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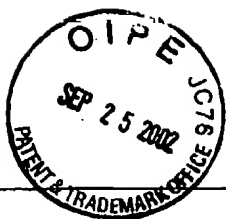
SR	AR	35	Staerz, U.D. and Bevan, M.J., "Hybrid hybridoma producing a bispecific monoclonal antibody that can focus effector T-cell activity," <i>Proc. Natl. Acad. Sci. USA</i> 83:1453-1457, National Academy of Sciences (1986).
	AS	35	Stump, D.C., et al., "Comparative Thrombolytic Properties of Single-Chain Forms of Urokinase-Type Plasminogen Activator," <i>Blood</i> 69:592-596, Grune and Stratton, Inc. (1987).
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82	AR	36	Thorpe, R., et al., "Single Shot Intrasplenic Immunization: An Advantageous Procedure for Production of Monoclonal Antibodies Specific for Human Fibrin Fragments," <i>Hybridoma</i> 3:381-385, Mary Ann Liebert, Inc. (1984).
↓	AS	36	Tucker, P.W., et al., "Sequence of the Cloned Gene for the Constant Region of Murine $\gamma 2b$ Immunoglobulin Heavy Chain," <i>Science</i> 206:1303-1306, American Association for the Advancement of Science (1979).
↓	AT	36	van Zonneveld, A.-J., et al., "Structure and Function of Human Tissue-Type Plasminogen Activator (t-PA)," <i>J. Cell. Biochem.</i> 32:169-178, Alan R. Liss, Inc. (1986).

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	AP						Yes No

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	AS	37	Waldmann, T.A., "Monoclonal Antibodies in Diagnosis and Therapy," <i>Science</i> 252:1657-1662, American Association for the Advancement of Science (1991).
	AT	37	Whitaker, A.N., et al., "Measurement of Crosslinked Fibrin Degradation Products Using Monoclonal Antibodies: Use in the Study of Intravascular Coagulation," <i>Pathology</i> 16:357-358, Haematology and Blood Society of Australia (1984).

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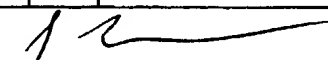
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
8R	AR	38	Williams, G.T. and Neuberger, M.S., "Production of antibody-tagged enzymes by myeloma cells: application to DNA polymerase I klenow fragment," <i>Gene</i> 43:319-324, Elsevier Science Publishers (1986).
↓	AS	38	Wiman, B., et al., "Determination of plasmin- $\alpha_2$ -antiplasmin complex in plasma samples by means of a radioimmunoassay," <i>Scand. J. Clin. Lab. Invest.</i> 43:27-33, Blackwell Scientific Publishers (1983).
↓	AT	38	Wojta, J., et al., "Anwendung monoklonaler Antikörper in der Fibrinolyse Diagnostik," <i>Wiener klinische Wochenschrift</i> 97:244-248, Springer-Verlag (1985).

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SR	AR	39	Zamarron, C., et al., "Influence of Exogenous and Endogenous Tissue-Type Plasminogen Activator on the Lysability of Clots in a Plasma Milieu In Vitro," <i>Thrombosis Res.</i> 35:335-345, Pergamon Press Ltd. (1984).
I	AS	39	English language abstract of Japanese Patent No. 61-268630, WPI Acc. No. 87-010915/02.
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## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.4320003/JAG/AJKAPPLICATION NO.  
09/977,283APPLICANT  
ReedFILING DATE  
October 16, 2001GROUP  
1641

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SR	AR	40	<del>Declaration under 37 C.F.R. § 1.132 of Dr. Guy L. Reed, submitted on August 10, 1992 in U.S. Application No. 07/589,003, filed September 27, 1990 (Abandoned), a file wrapper continuation of 07/589,003 was filed September 10, 1992 and given U.S. Application No. 07/943,372, now U.S. Patent No. 5,372,812, issued December 13, 1994, pp 5.</del>
SR	AS	40	<del>Pending Non-Provisional U.S. Patent Application No. 08/934,000, Reed, G.L., filed September 19, 1997.</del>
	AT		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.